



## Dual output PIR Motion Sensor

Model No: BK01



*PIR Motion Sensors are energy saving devices which detect movement based occupancy (like human movements, opening of a door, movement of a car in a car parking area etc) and keep the connected appliance (like air conditioner, lights, fan etc) ON. It turns OFF the connected load when its detection area is vacant. The Lux level setting equipped with the device helps in turning ON the lights only when day light / ambient lux level falls below a desired selectable level.*

*The Dual output PIR motion sensor has dual output and can handle the load of an air conditioner of capacity up to 2 tons and a lighting load of 500 watts simultaneously and independently in six different user selectable operating modes. This is an ideal product for saving energy while using air conditioners.*

### Features:-

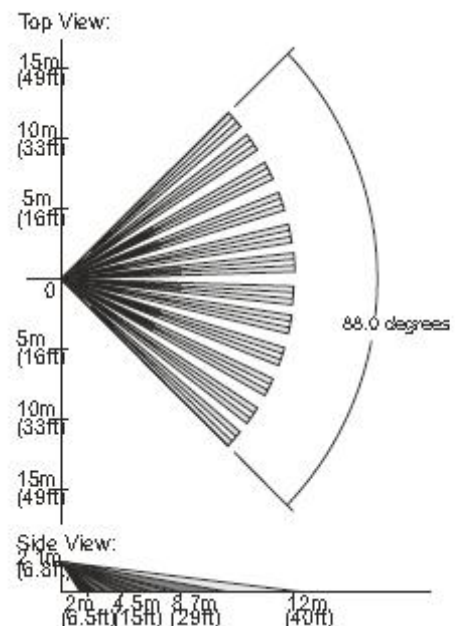
- Dual output.
- Motion based ON / OFF for air conditioner
- Motion & day light based ON / OFF for lighting load
- Over load protection
- Surge protection
- 2 minutes ON delay, for air conditioner, as a safety precaution
- Huge energy saving
- Very short payback period
- 24 months warranty.
- Six different operating modes:-

**Auto mode (default mode):** Output's will be switched ON based on occupancy, and remains ON depending on the OFF-Delay set by user after detecting last motion.

**Manual mode:** Auto mode can be overridden to various operating modes by using override switch, performing number of switching operations prescribed in user manual within a span of six seconds. Sensor will then switch ON-OFF lamp once as an indication towards successful change in operating mode. If the unit is working in manual mode and is not overridden to AUTO mode, it will return to AUTO mode automatically after 2 hours

### Specification:-

Operating voltage / Supply voltage: 230 volts Ac, 50Hz, Rated load: (1) AC - 2 tons, (2) Lighting load: 500watts, Detection range: 88degree x 12meters at 2.1 meters height, ON time: 1 minute to 30 minute



## Industrial Consultant Corporate

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